



# BIOSCIENCES INDUSTRY

## REAL-TIME INDUSTRY SUMMARY

### MARCH 2022

## 2021 STATEWIDE LABOR ANALYSIS

There were more than 7,500 online job postings for the Biosciences industry from January 2021 to December 2021. The top occupation was *Wholesale and Manufacturing Sales Representatives*, making up 7.2 percent of total industry job postings for the time period.

**The employers with the most job postings were Bayer Corporation, Millipore Corporation, Pfizer, Stryker Medical, and Bunge.**

## TOP ONLINE JOB POSTINGS

| SOC Code  | Description  | Percent of total job postings | Average Annual Wage |   |
|---|--|-------------------------------|---------------------|---|
| Now - requires short-term on-the-job training, little to no experience, and/or a high school diploma                            |  |                               |                     |   |
| 43-4051   | Customer Service Representatives                           | 1.3%                          | \$36,580            | ★ |
| 43-5081   | Stock Clerks and Order Fillers                             | 1.2%                          | \$30,120            | ★ |
| 53-7062   | Laborers and Freight, Stock, and Material Movers, Hand     | 1.1%                          | \$33,360            | ★ |
| 45-2092   | Farmworkers and Laborers, Crop, Nursery, and Greenhouse    | 0.5%                          | \$29,600            |   |
| 51-9198   | Helpers--Production Workers                                | 0.5%                          | \$31,420            |   |
| Next - requires a non-degree certificate, associate degree, apprenticeship, some experience, or moderate- to long-term training |  |                               |                     |   |
| 41-4012   | Sales Representatives, Wholesale and Manufacturing         | 7.2%                          | \$71,670            | ★ |
| 29-2012   | Medical and Clinical Laboratory Technicians                | 2.5%                          | \$49,890            |   |
| 49-9071   | Maintenance and Repair Workers, General                    | 1.9%                          | \$41,940            | ★ |
| 51-1011   | First-Line Supervisors of Production and Operating Workers | 1.3%                          | \$61,220            |   |
| 17-3029   | Engineering Technicians, Except Drafters, All Other        | 1.3%                          | \$63,030            |   |
| Later - requires a bachelor's degree or higher  |  |                               |                     |   |
| 11-9199   | Managers, All Other  | 4.9%                          | \$119,710           |   |
| 15-1199   | Computer Occupations, All Other                            | 3.7%                          | \$85,570            |   |
| 11-2022   | Sales Managers   | 3.1%                          | \$145,630           |   |
| 19-2031   | Chemists   | 2.8%                          | \$78,020            |   |
| 15-1132   | Software Developers, Applications                          | 2.7%                          | \$96,530            | ★ |

★ Denotes the top 10 occupations by total number of projected openings from 2018-2028 in Now, Next, and Later categories

## EDUCATION AND TRAINING OPPORTUNITIES

Across the state there are numerous programs in many locations that train for occupations in the Biosciences industry. To find degree and certificate programs at an educational institution near you, visit **MoSCORES**, a tool designed to assist job seekers, students, career counselors, educators, and planners with a better understanding of training options and typical work outcomes of graduates, for traditional degree programs as well as noncredit credentials. In addition, there are U.S. Department of Labor Registered Apprenticeship programs for Biosciences occupations in Missouri. Visit **Apprenticeship Missouri** for more information.

# TOP SKILLS & CERTIFICATIONS

## TOP 10 BASIC SKILLS

Communication Skills  
Teamwork / Collaboration  
Problem Solving  
Research  
Organizational Skills  
Microsoft Excel  
Planning  
Troubleshooting  
Detail-Oriented  
Microsoft Office

Several soft skills such as communication, teamwork, and problem solving ranked in the top 10 requested basic skills. Communication skills were found in nearly one-half (47%) of total Biosciences job postings.

## TOP 10 SPECIALIZED SKILLS

Sales  
Customer Service  
Budgeting  
Project Management  
Current Good Manufacturing Practices (CGMP)  
Biotechnology  
Chemistry  
Scheduling  
Good Manufacturing Practices (GMP)  
Quality Assurance and Control

Top specialized skills included sales, customer service, and budgeting.

## TOP 10 SOFTWARE SKILLS

SAP  
Python  
Enterprise Resource Planning (ERP)  
SQL  
Salesforce  
Software Development  
Java  
Software Engineering  
SAS  
Oracle

Microsoft Office and its products such as Word, Excel, PowerPoint, and Access are the most requested software skills across all industries. Other skills requested in the Biosciences industry include SAP, Python, and Enterprise Resource Planning (ERP).

## TOP 10 CERTIFICATES

Driver's License  
Project Management Certification  
Emergency Medical Technician (EMT)  
DEA Certificate  
Project Management Professional (PMP)  
Licensed Practical Nurse (LPN)  
Certified Veterinary Technician  
Commercial Driver's License  
Certified Public Accountant (CPA)  
First Aid CPR AED

The top requested certificate was Driver's License followed by Project Management Certification and Emergency Medical Technician (EMT).

Sources:  
Emsi Burning Glass Technologies, 2020 Bureau of Labor Statistics OES wages, 2018-2028 Employment Projections

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